

**IN THE ABSTRACT:**

Please add the Abstract of the Disclosure that is provided on a separate sheet.

### Abstract of the Disclosure

Monoclonal antibodies reactive with  $\beta(1-3)$ -glucans are disclosed. More precisely, two monoclonal antibodies, B3B and A10A, reactive with  $\beta(1-3)$ -glucan and/or  $\beta(1-3)$  (1-6)-glucan associated epitopes in free, non-associated form, and/or in cell wall fragments of *Candida* and *Cryptococcus* are disclosed. Further, A10A is also reactive with a  $\beta(1-6)$  (1-3)-glucan epitope present on the intact cell surface of *C. albicans*, *C. parapsilosis*, *C. krusei*, *C. glabrata* and/or *C. neoformans*. The antibodies can be used for the detection of free, cell wall associated, and/or cell surface associated  $\beta(1-3)$  glucans utilizing immunoassays or immunohistology for the laboratory diagnosis of fungal infections. They may be used also for detection of airborne mould, or mould present in dust, water, or in any other component.